

10129500 WEBER RIVER NEAR WANSHIP, UT

LOCATION.--Lat 40°47'34", Long 111°24'15", in SE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec. 29, T. 1 N., R. 5 E., Summit County, Hydrologic Unit 16020101, on left bank 0.1 mi downstream from Wanship Dam, 1.2 mi south of Wanship and 1.25 mi upstream from Silver Creek.

DRAINAGE AREA.--335 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1950 to September 1955, April 1957 to September 1960, October 1988 to current year. Monthly discharges only April 1957 to September 1960, published in WSP 1734.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 5,900 ft above sea level, from topographic map. November 17, 1950, to September 30, 1955, water-stage recorder at site 200 ft upstream at different datum.

REMARKS.--Records good except for estimated record which is fair. Flow completely regulated by Wanship Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,340 ft<sup>3</sup>/s, May 30, 1951, gage height, 4.73 ft, site and datum then in use; minimum daily, 0.1 ft<sup>3</sup>/s, Nov 17-22, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 210 ft<sup>3</sup>/s, Jul 31; minimum daily discharge, 22 ft<sup>3</sup>/s, Mar 11, 12, 13, 26, 27, Apr 4-10.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	175	105	85	e81	76	41	23	24	188	199	199	181
2	176	101	84	e79	76	38	23	25	184	199	201	197
3	174	102	83	e80	e63	33	23	25	187	177	201	202
4	175	103	82	e80	e60	28	22	25	193	194	201	204
5	179	105	84	e81	e60	26	22	25	193	199	199	207
6	181	105	84	e81	e58	25	22	24	190	201	197	206
7	183	107	84	e80	e59	24	22	53	191	201	199	202
8	183	105	84	e80	e57	24	22	93	187	194	201	199
9	181	105	87	e82	e55	24	22	91	184	181	201	198
10	183	103	87	83	e57	23	22	91	187	201	198	196
11	138	99	88	82	e58	22	23	94	193	198	198	196
12	99	99	85	82	e57	22	23	93	208	198	199	196
13	101	99	88	82	e57	22	24	93	207	194	197	195
14	102	99	89	82	e56	23	24	129	203	183	197	195
15	103	95	89	82	e56	23	24	187	201	198	196	194
16	104	94	87	82	e56	23	24	116	200	198	196	194
17	104	88	87	82	e56	23	24	128	178	198	187	180
18	103	87	87	82	e57	23	24	196	206	200	197	169
19	103	87	87	82	e57	23	23	194	205	201	198	165
20	108	87	86	80	e56	23	24	190	202	201	196	166
21	110	86	84	79	e56	23	25	191	199	200	197	165
22	111	85	e84	78	e57	23	24	189	197	199	194	160
23	107	88	e81	78	e56	23	24	187	196	199	184	154
24	102	85	e80	77	e56	23	24	185	194	200	180	128
25	102	84	e80	76	e56	23	24	186	195	201	183	113
26	102	83	e79	76	e56	22	24	177	196	203	181	113
27	103	82	e80	76	57	22	24	189	199	205	170	113
28	105	84	e80	76	46	23	24	188	199	207	178	113
29	104	87	e80	77	---	23	24	189	199	207	171	111
30	105	87	e81	76	---	23	24	190	198	207	183	111
31	105	---	e80	77	---	23	---	189	---	210	181	---
TOTAL	4011	2826	2606	2471	1627	764	701	3956	5859	6153	5960	5123
MEAN	129	94.2	84.1	79.7	58.1	24.6	23.4	128	195	198	192	171
MAX	183	107	89	83	76	41	25	196	208	210	201	207
MIN	99	82	79	76	46	22	22	24	178	177	170	111
AC-FT	7960	5610	5170	4900	3230	1520	1390	7850	11620	12200	11820	10160

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2001, BY WATER YEAR (WY)

MEAN	164	143	128	87.5	94.6	117	154	267	504	285	220	193
MAX	209	211	258	213	220	279	440	743	1295	846	333	288
(WY)	1994	1998	1958	1997	1997	1997	1958	1997	1995	1995	1989	1958
MIN	23.3	23.2	22.5	23.0	15.8	24.6	23.4	94.1	137	120	175	112
(WY)	1993	1993	1995	1993	1991	2001	2001	1989	1989	1958	1999	1989

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1958 - 2001

ANNUAL TOTAL	52409	42057	
ANNUAL MEAN	143	115	197
HIGHEST ANNUAL MEAN			314
LOWEST ANNUAL MEAN			115
HIGHEST DAILY MEAN	462	210	1610
LOWEST DAILY MEAN	27	22	.10
ANNUAL SEVEN-DAY MINIMUM	28	22	.11
ANNUAL RUNOFF (AC-FT)	104000	83420	142500
10 PERCENT EXCEEDS	209	199	322
50 PERCENT EXCEEDS	150	99	183
90 PERCENT EXCEEDS	64	24	26

e Estimated